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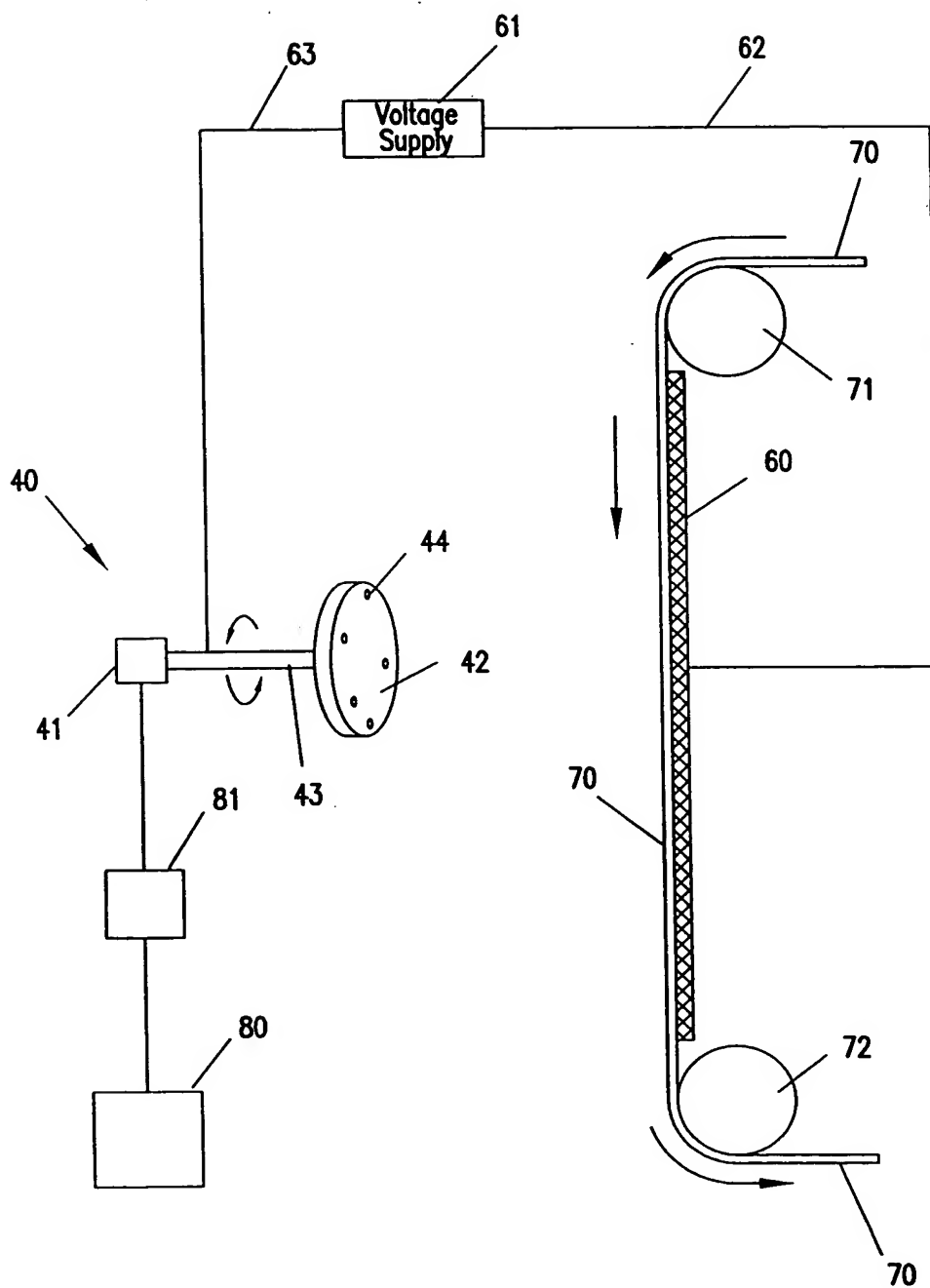


FIG. 2

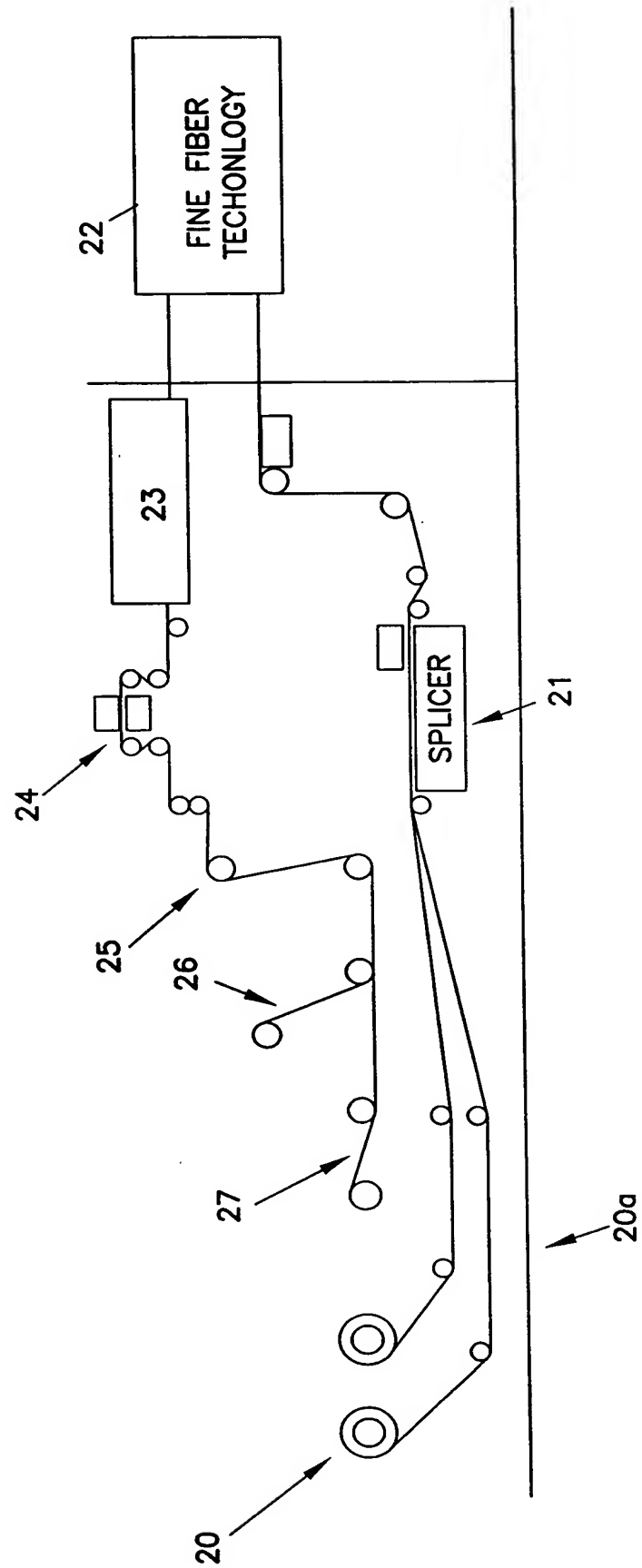


FIG. 3A

Cellulose Media

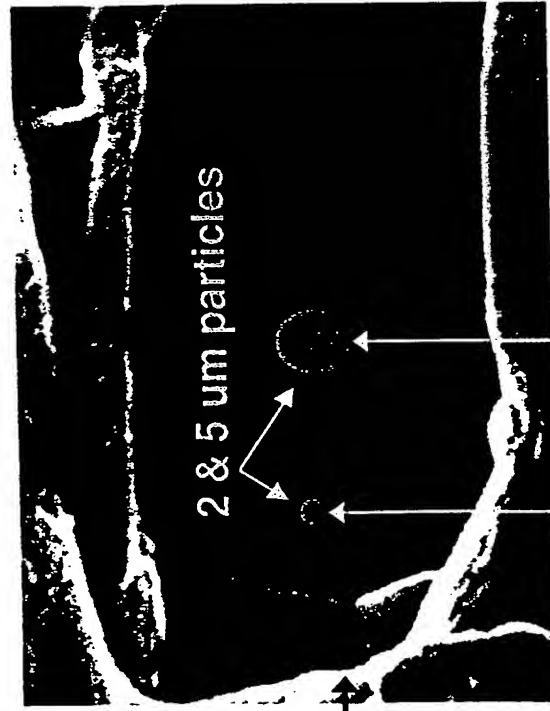
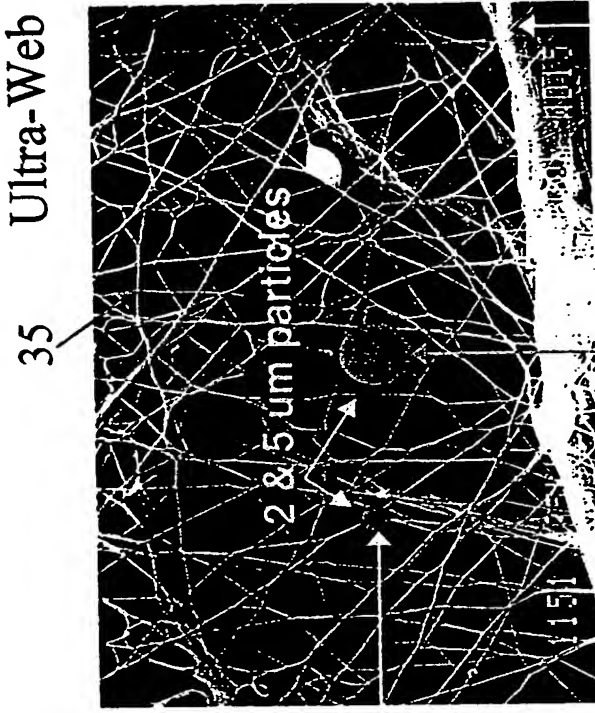


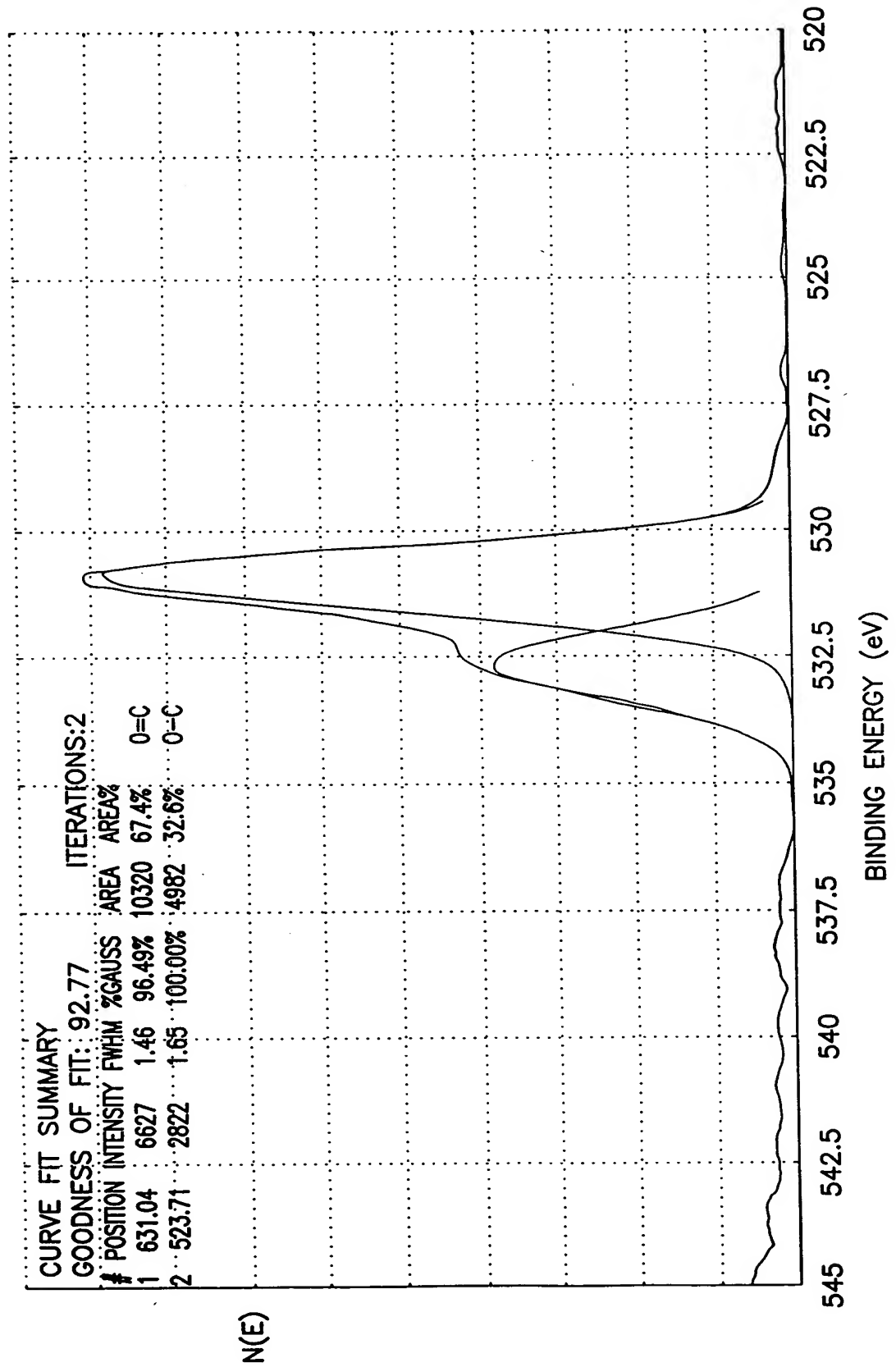
FIG. 3B

Ultra-Web



2,000 X Scanning Electron Microscope Images

ESCA O1s SPECTRA FOR SAMPLE 6A AS SPAN



ESCA O1s SPECTRA FOR HEAT-TREATED SAMPLE 6A

FIG. 5

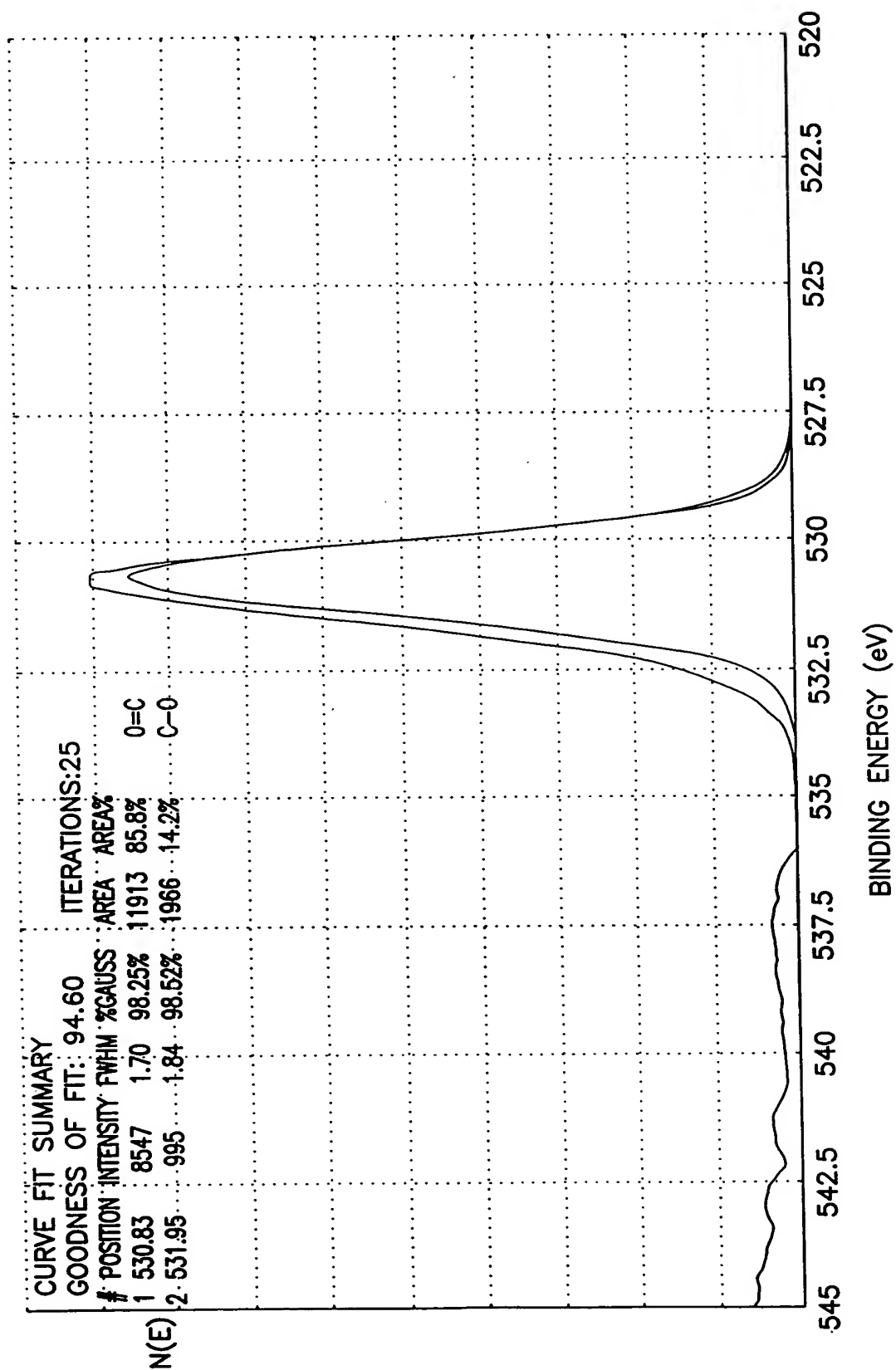
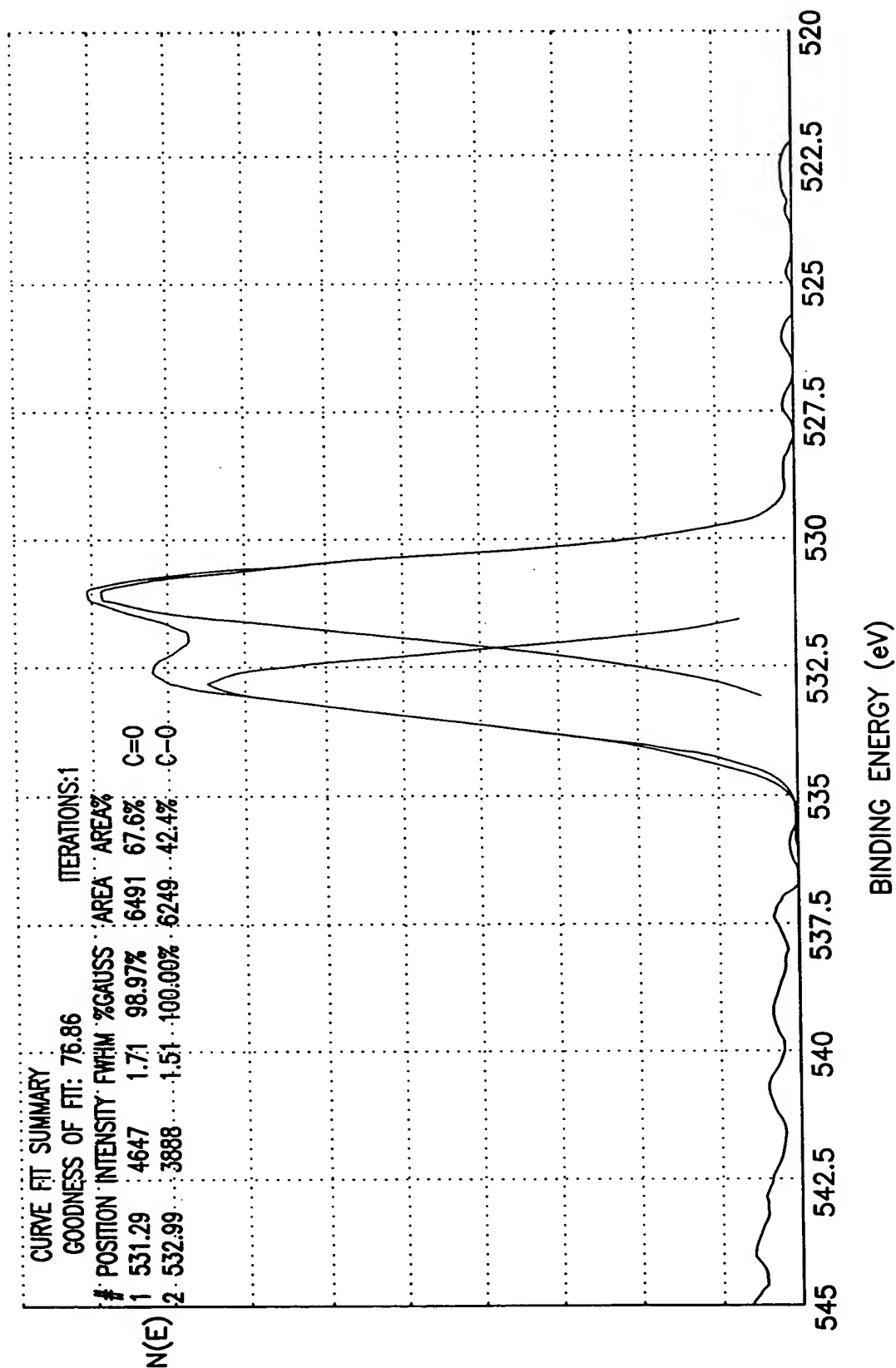


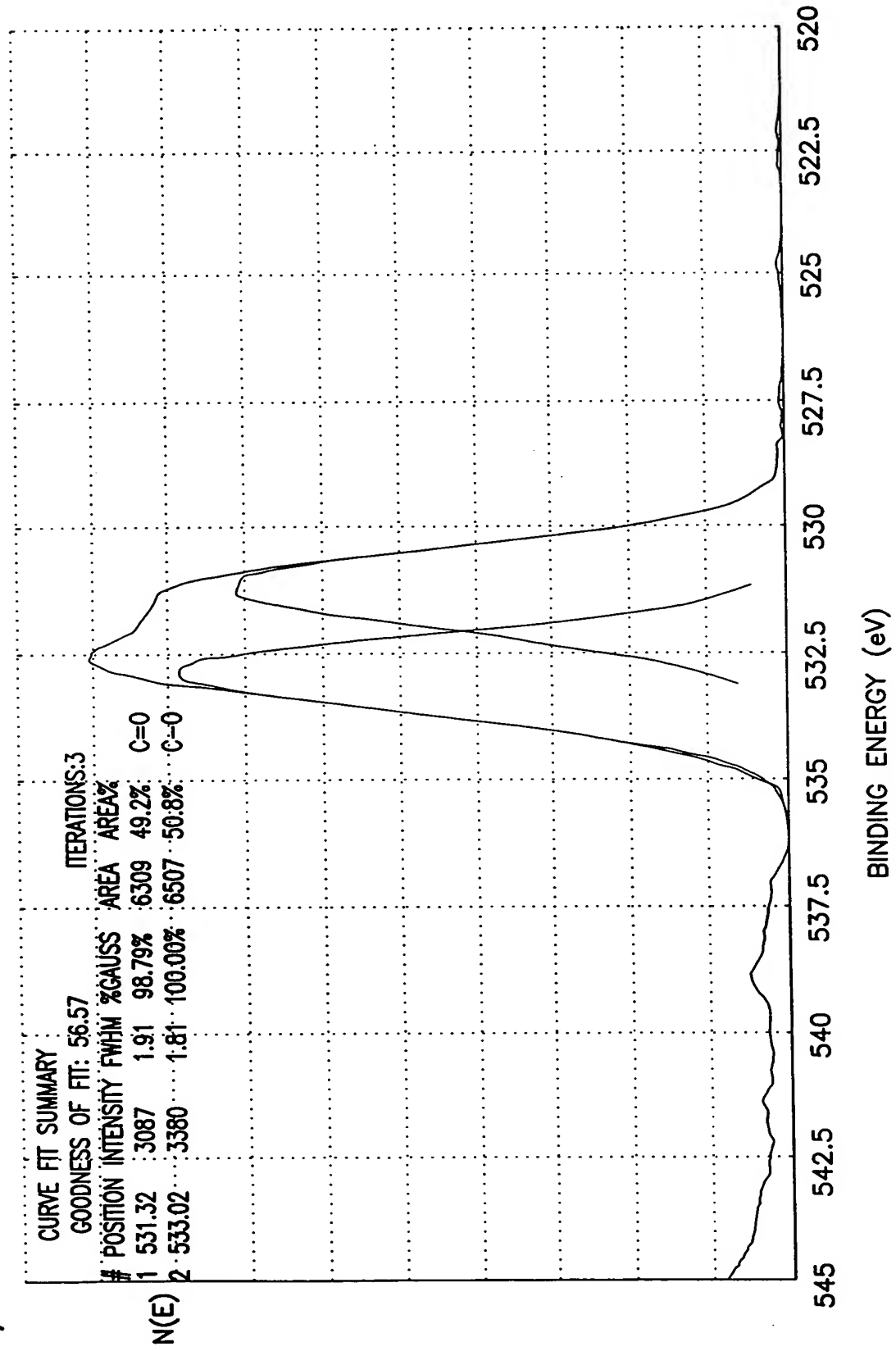
FIG. 6

ESCA O1s SPECTRA FOR AS-SPAN EXAMPLE 6B



ESCA O1s SPECTRA FOR HEAT-TREATED EXAMPLE 6B

FIG. 7



ESCA 01s MULTIPLEX FOR AS-SPUN SAMPLE 6A

FIG. 8

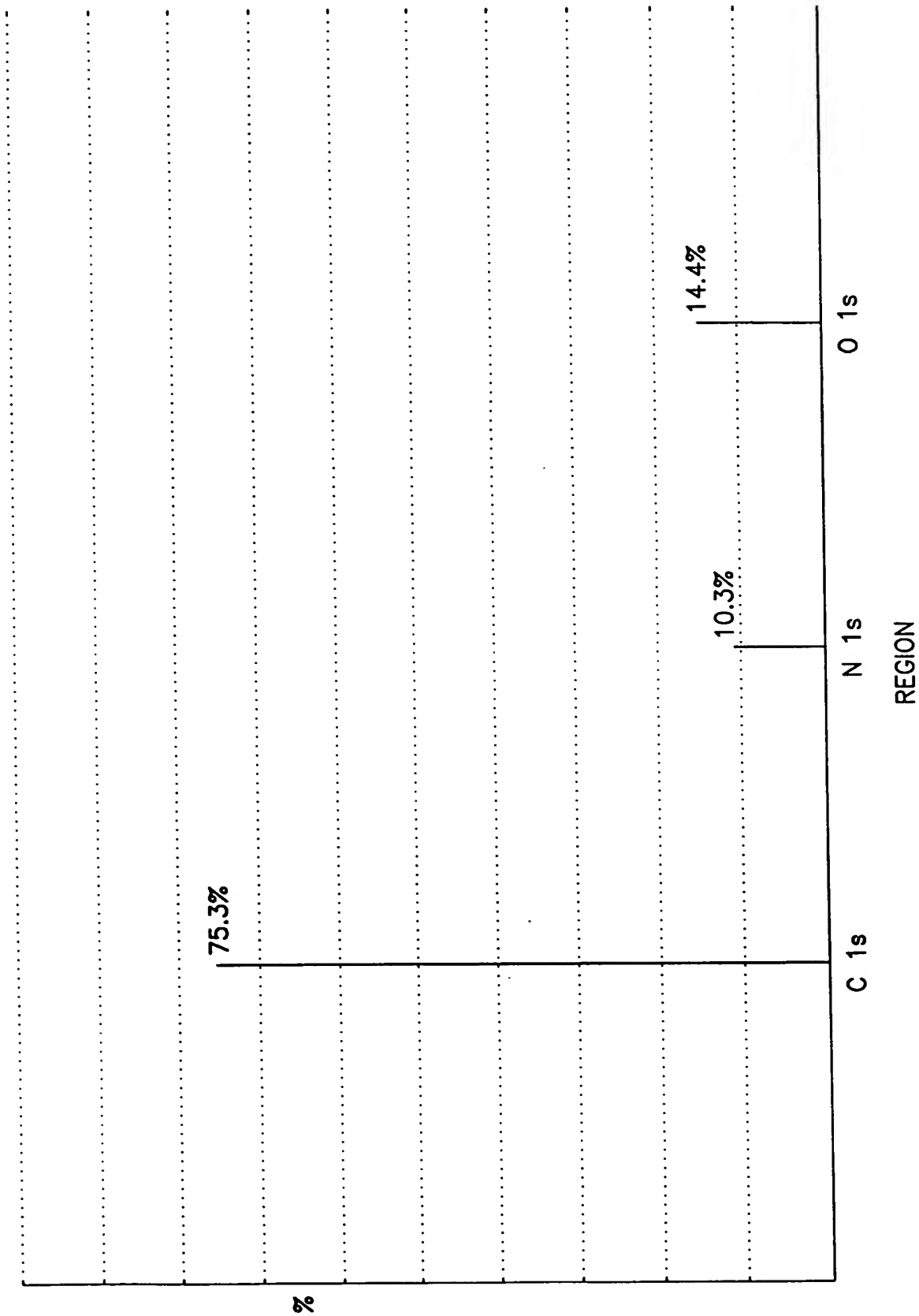
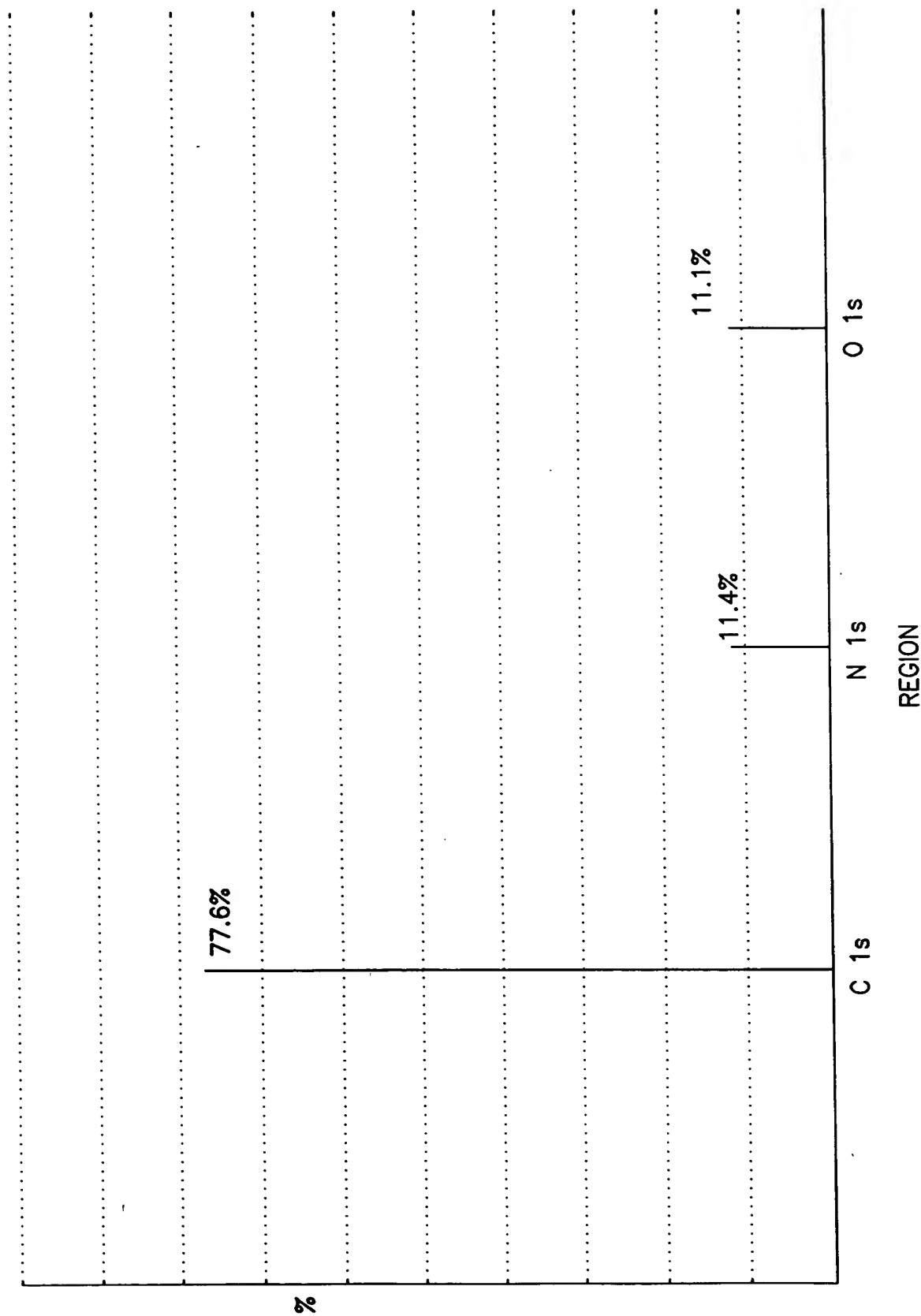


FIG. 9

ESCA 01s MULTIPLEX FOR HEAT TREATED SAMPLE 6A



ESCA 01s MULTIPLEX FOR AS-SPIN SAMPLE 6B

FIG. 10

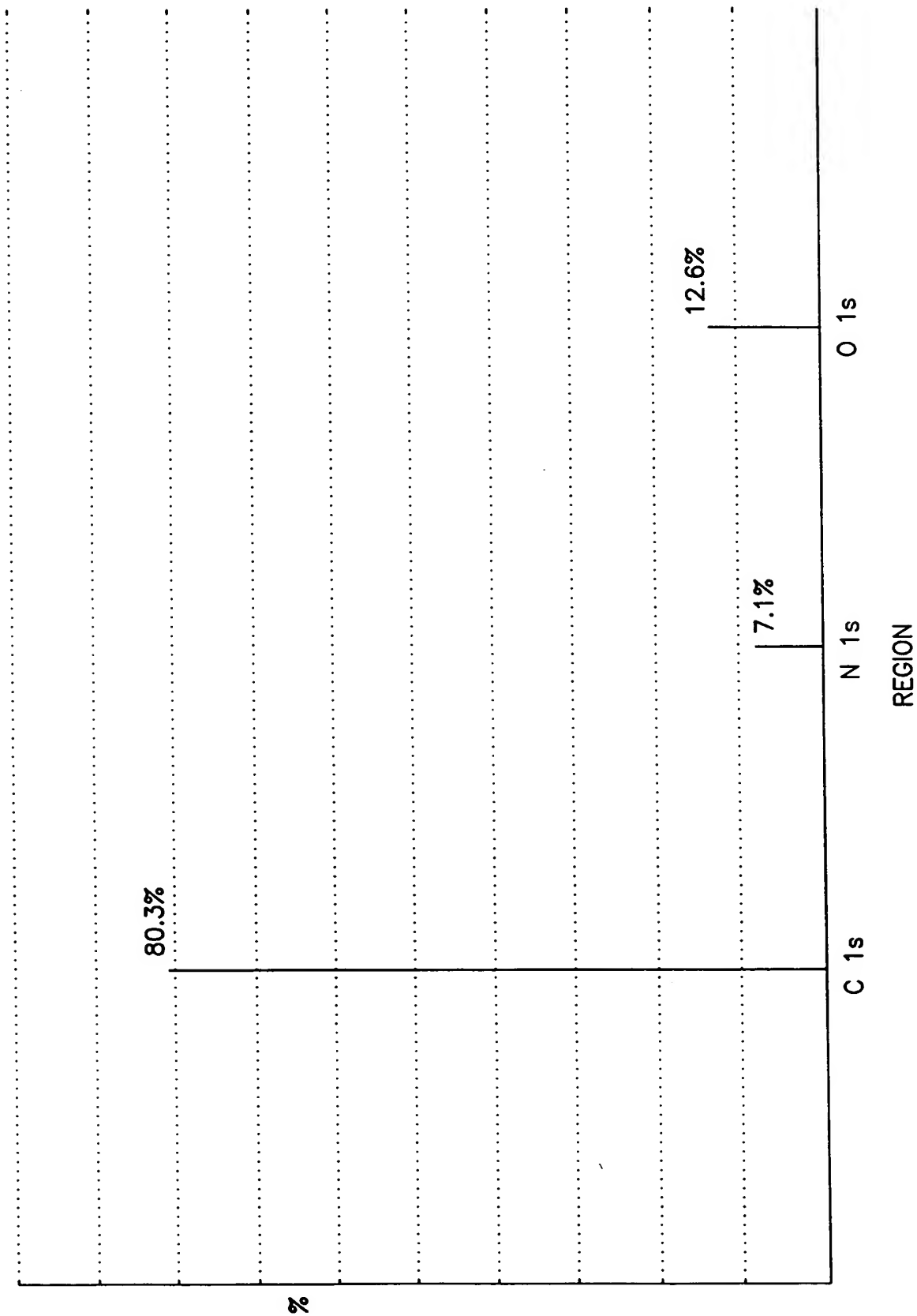


FIG. 11 ESCA 01s MULTIPLEX FOR HEAT-TREATED SAMPLE 6B

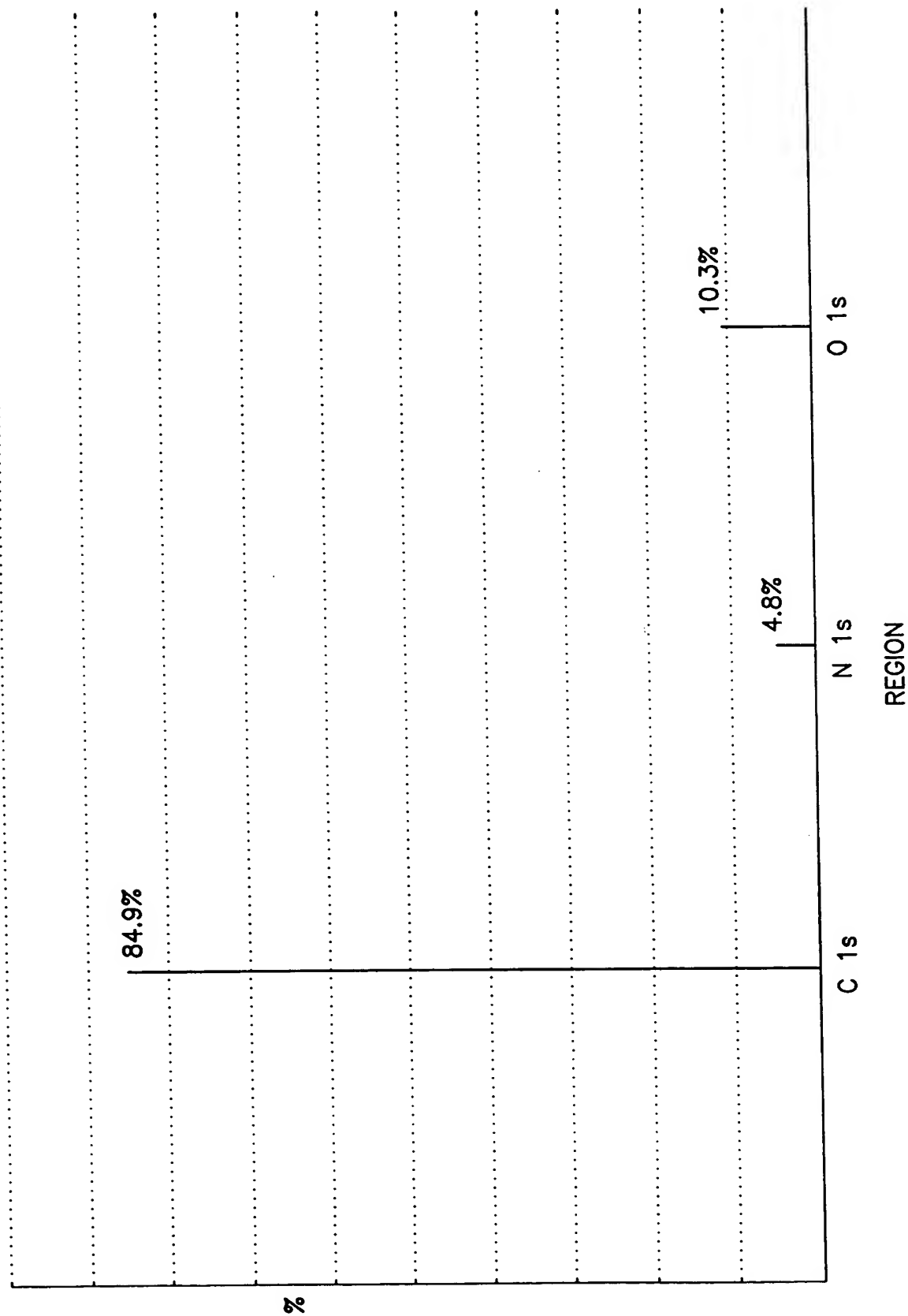


FIG. 12

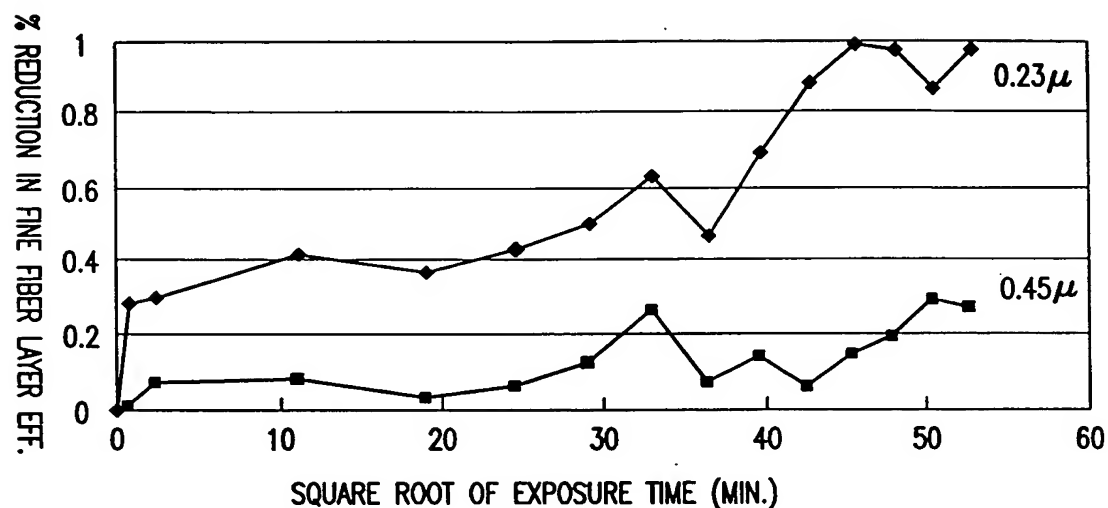


FIG. 13

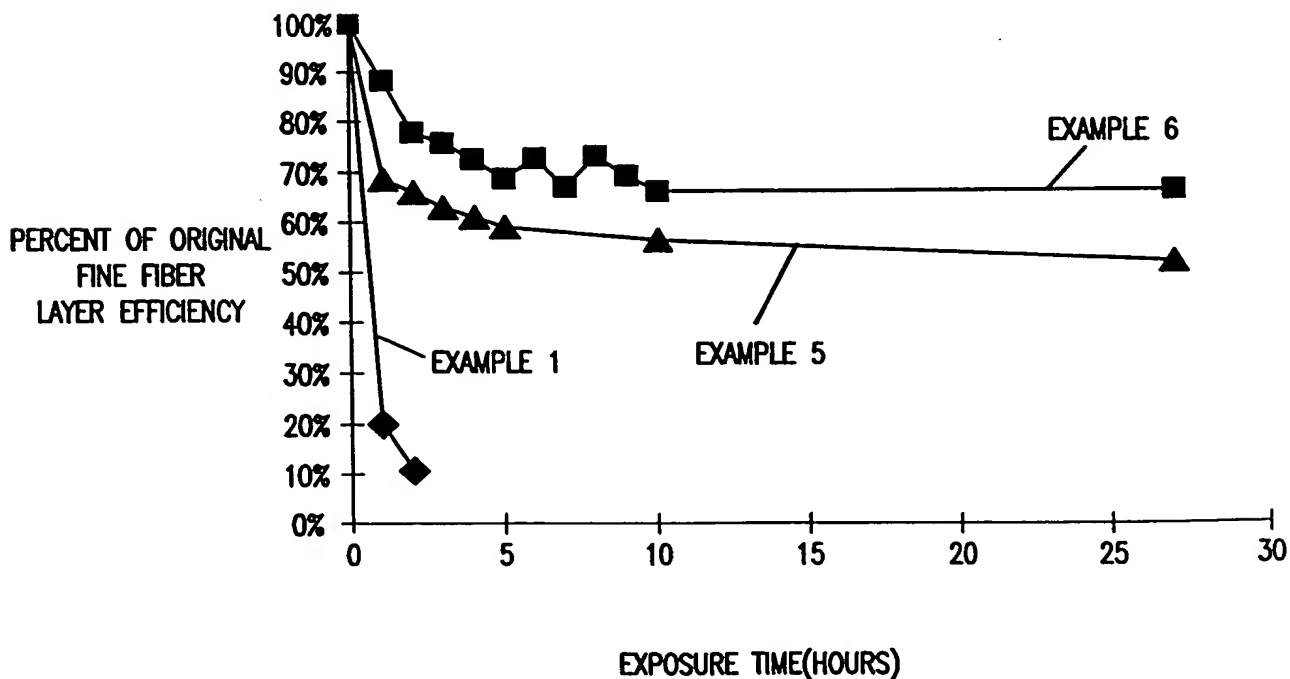


FIG. 14

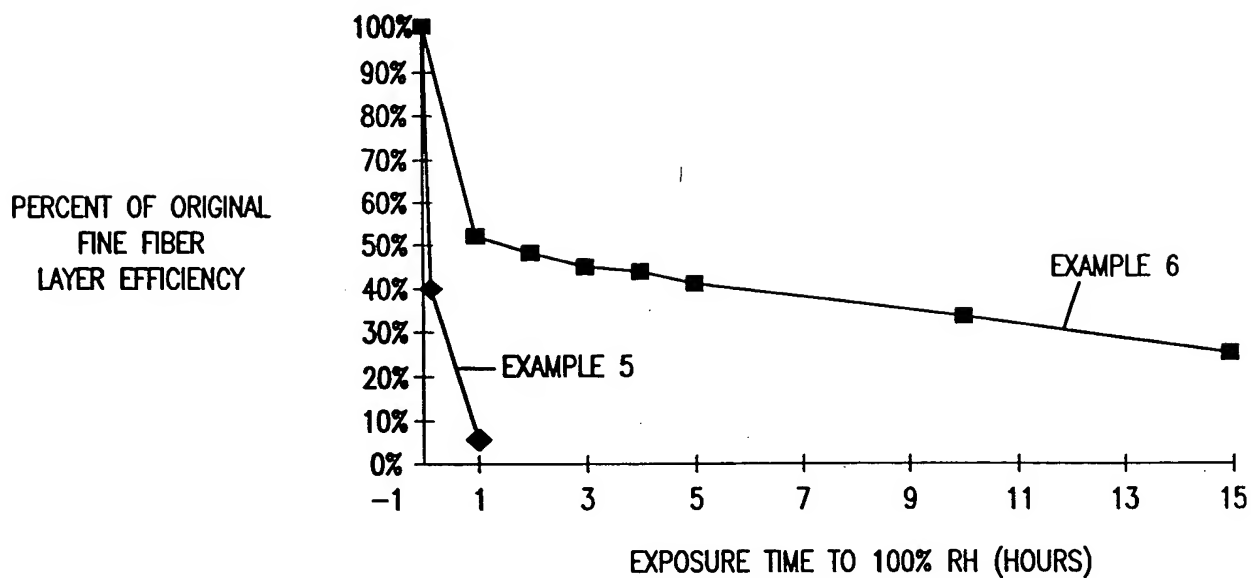


FIG. 15

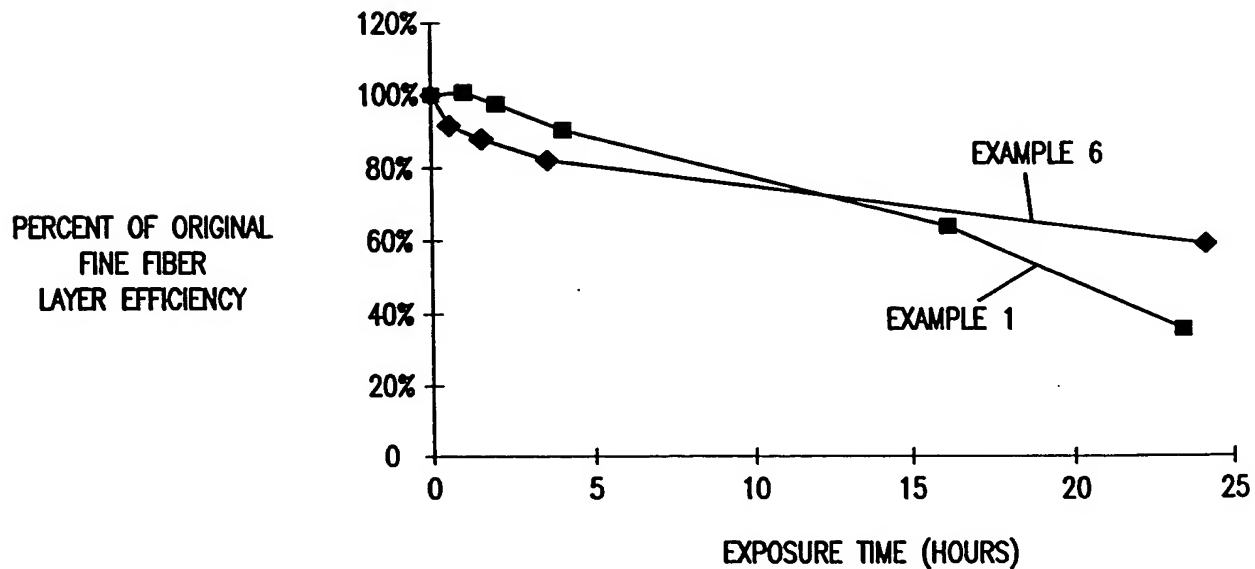
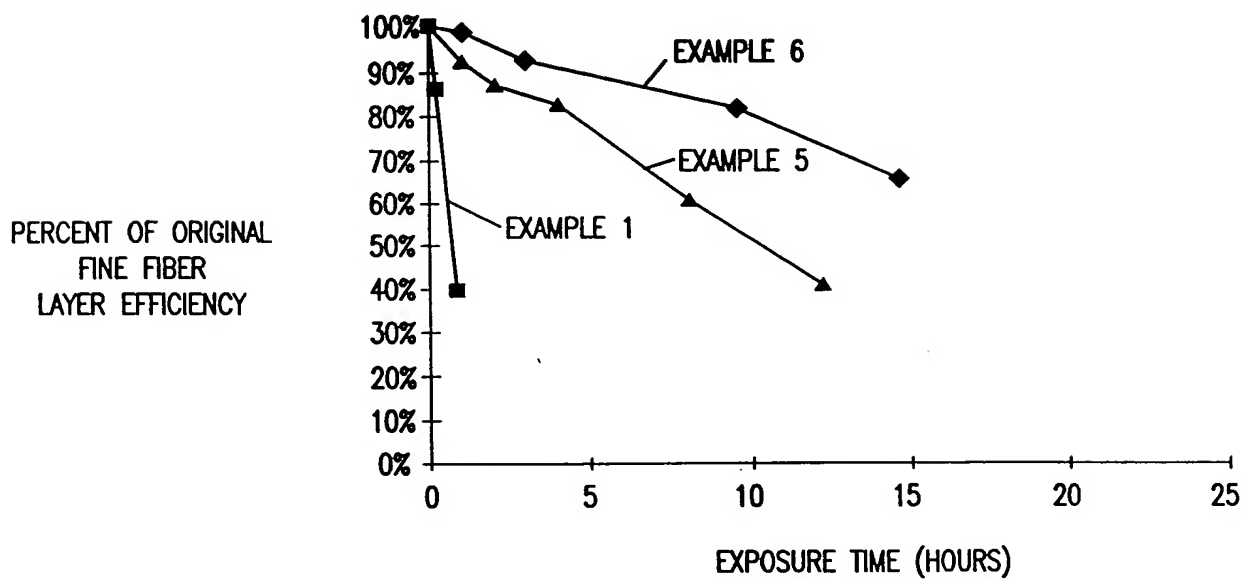
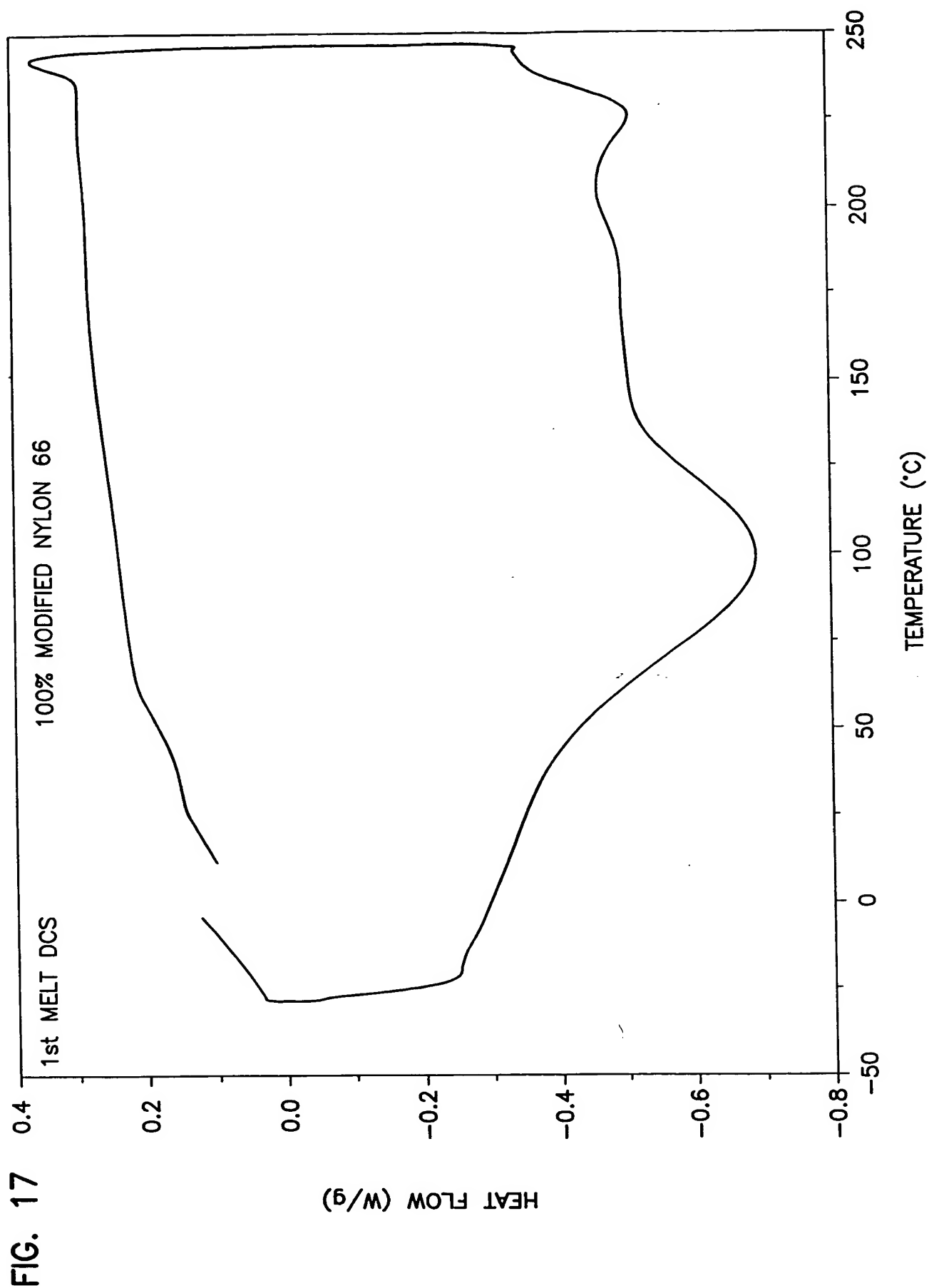


FIG. 16





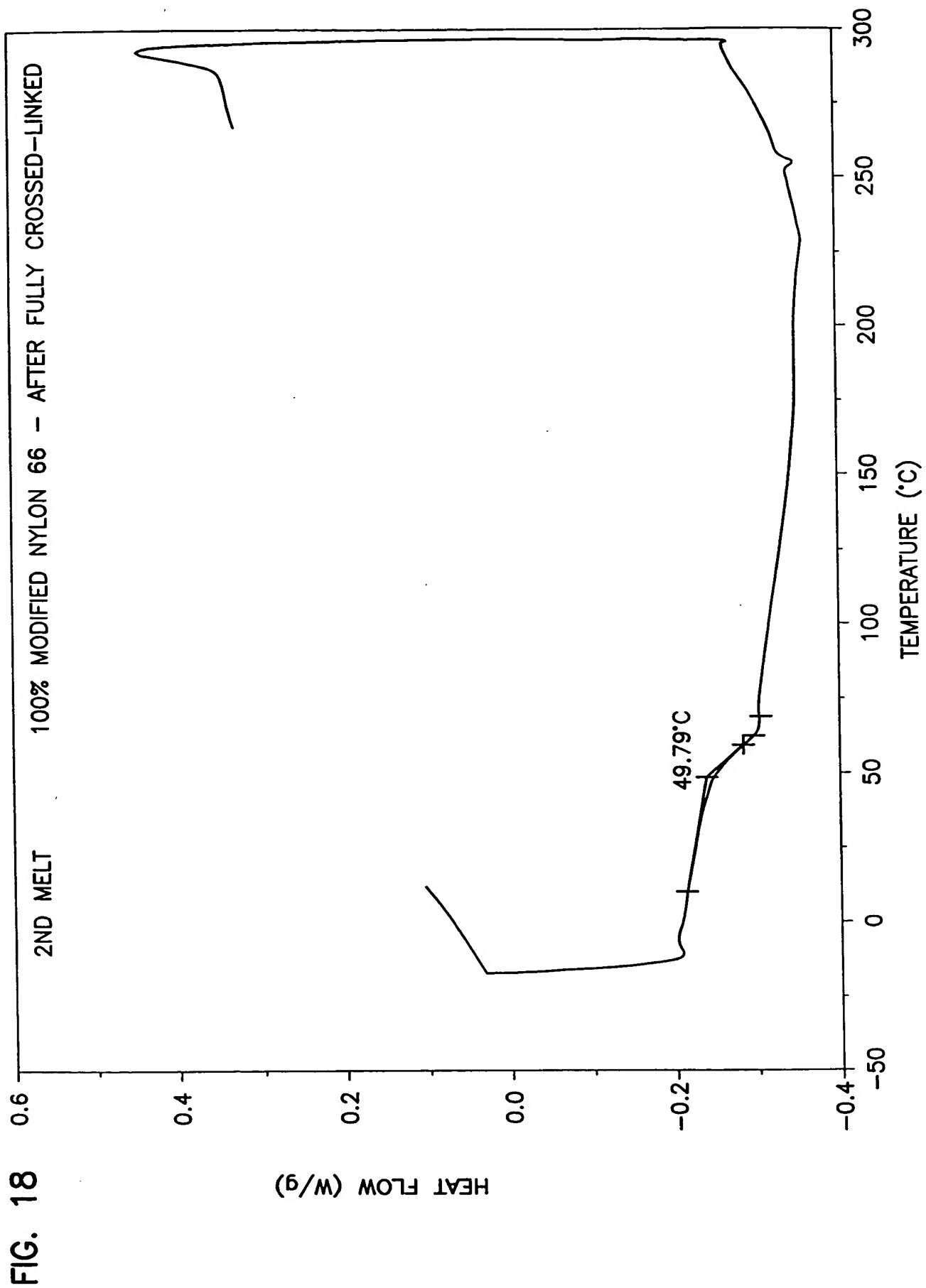


FIG. 19

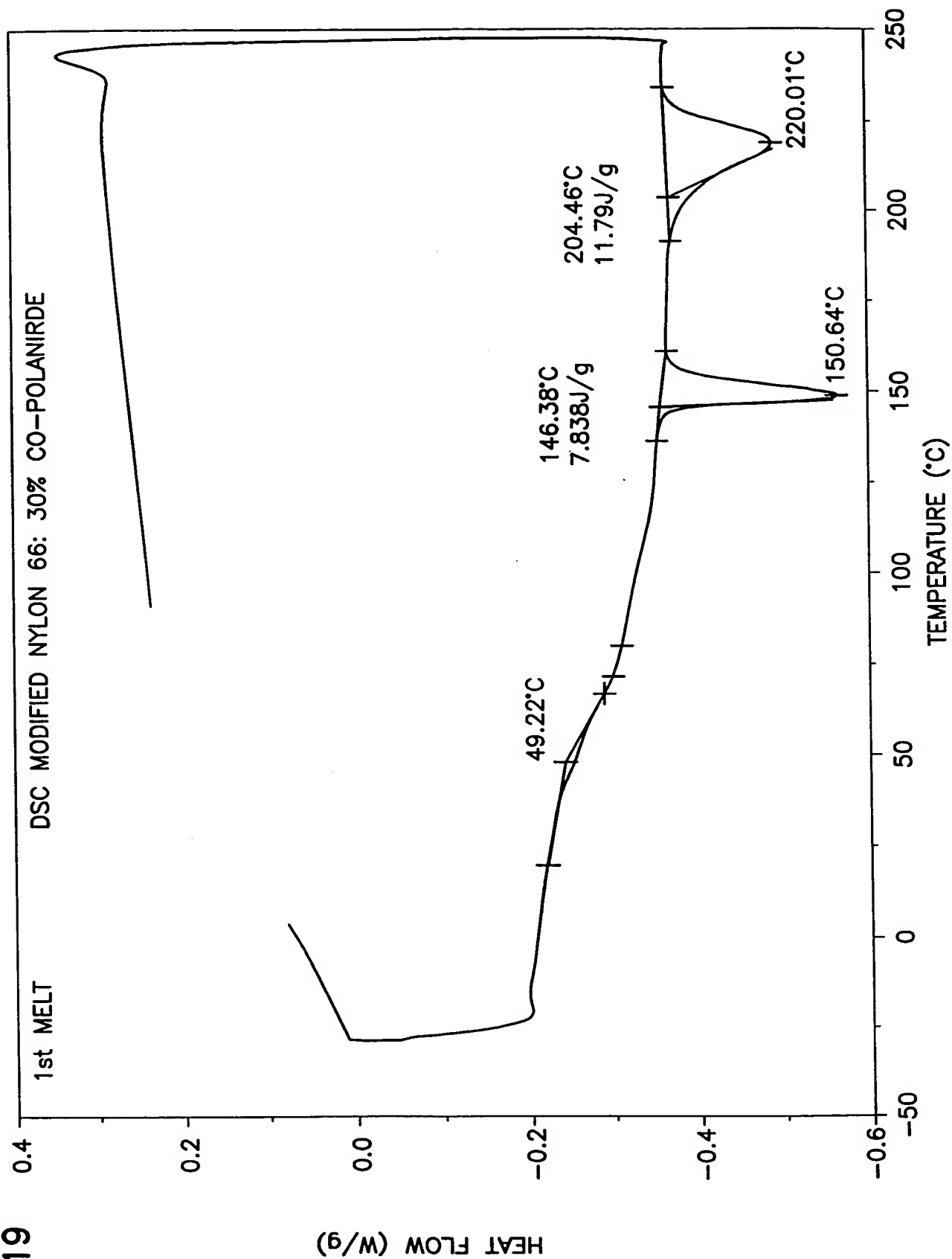


FIG. 20

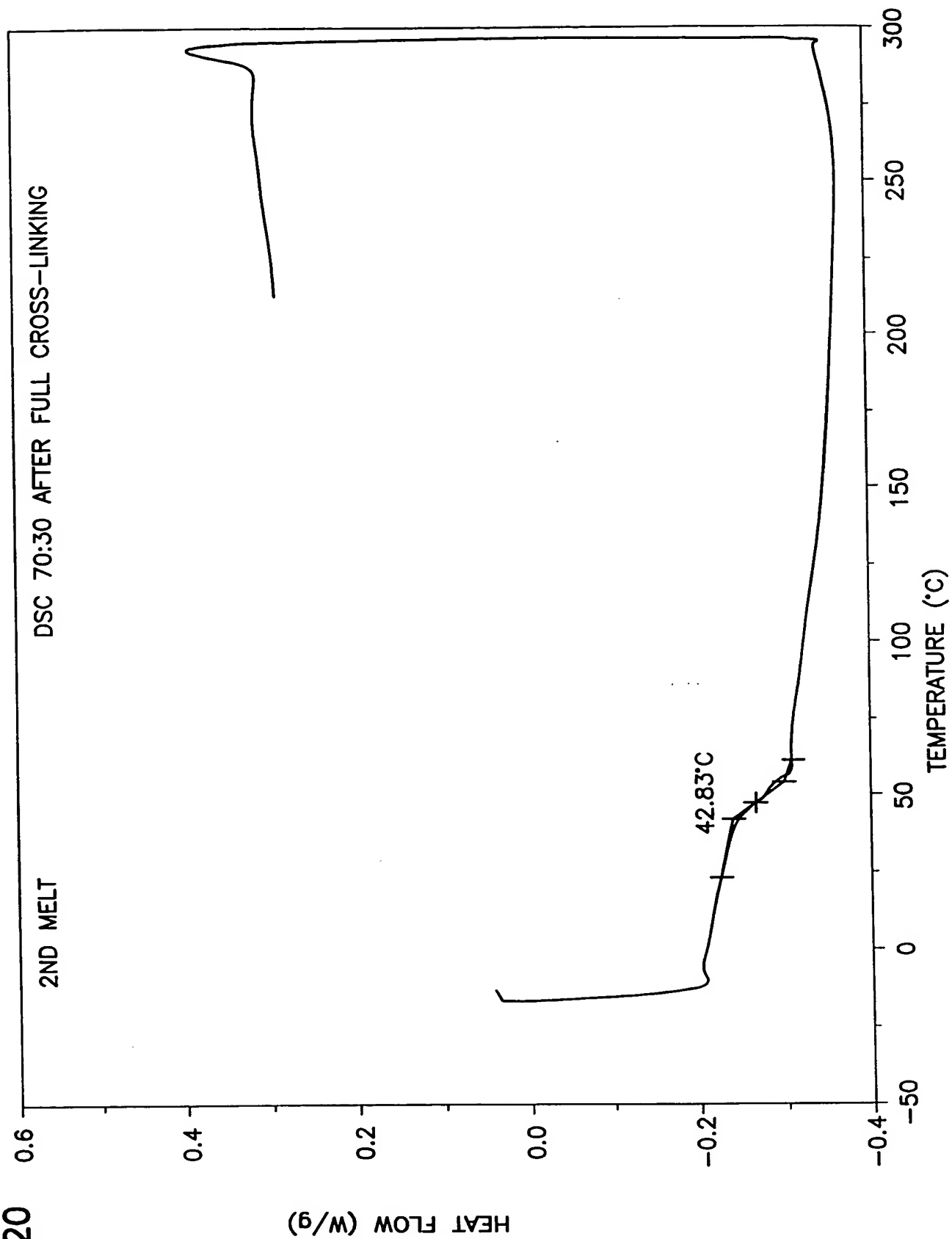
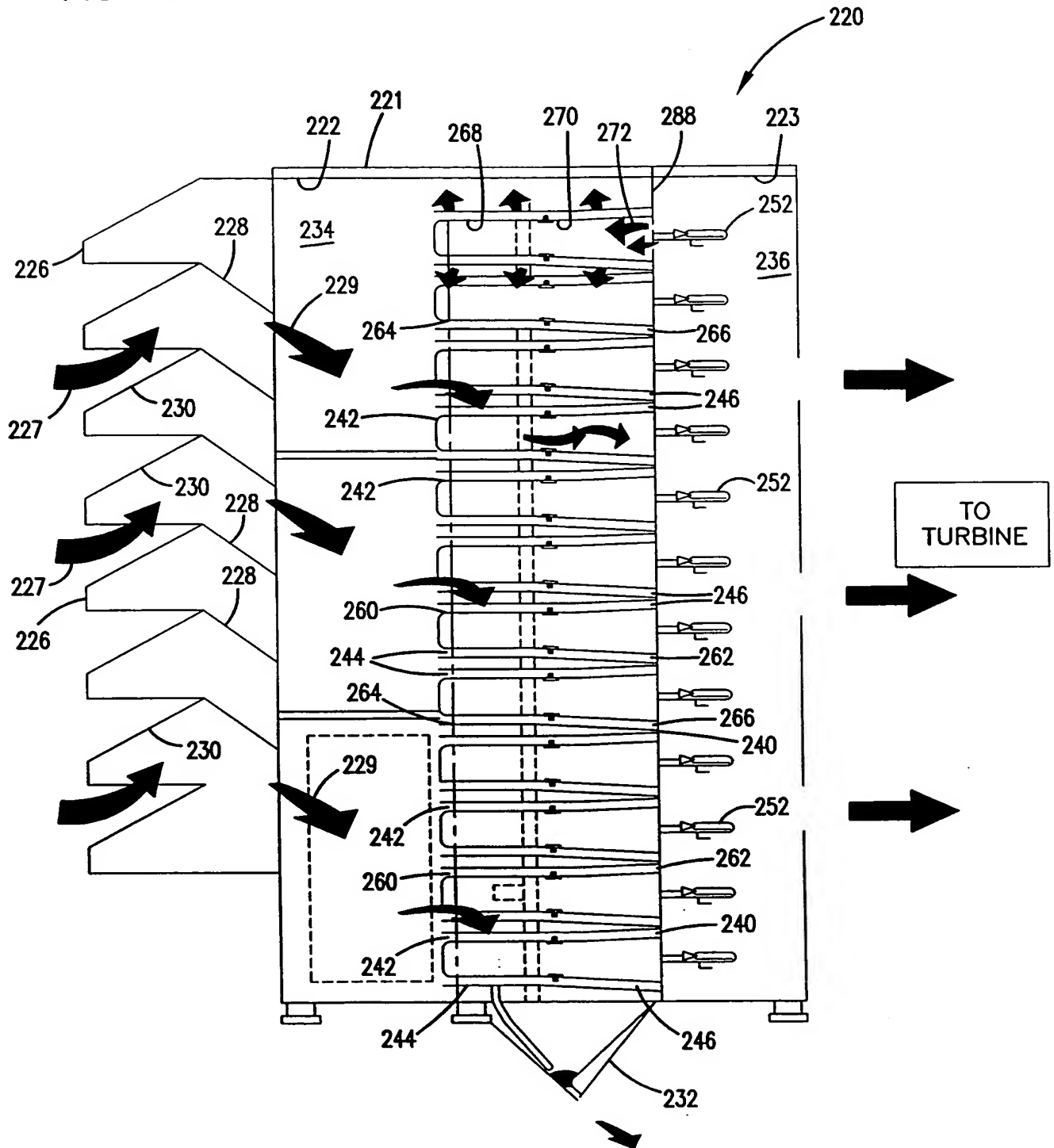


FIG. 21



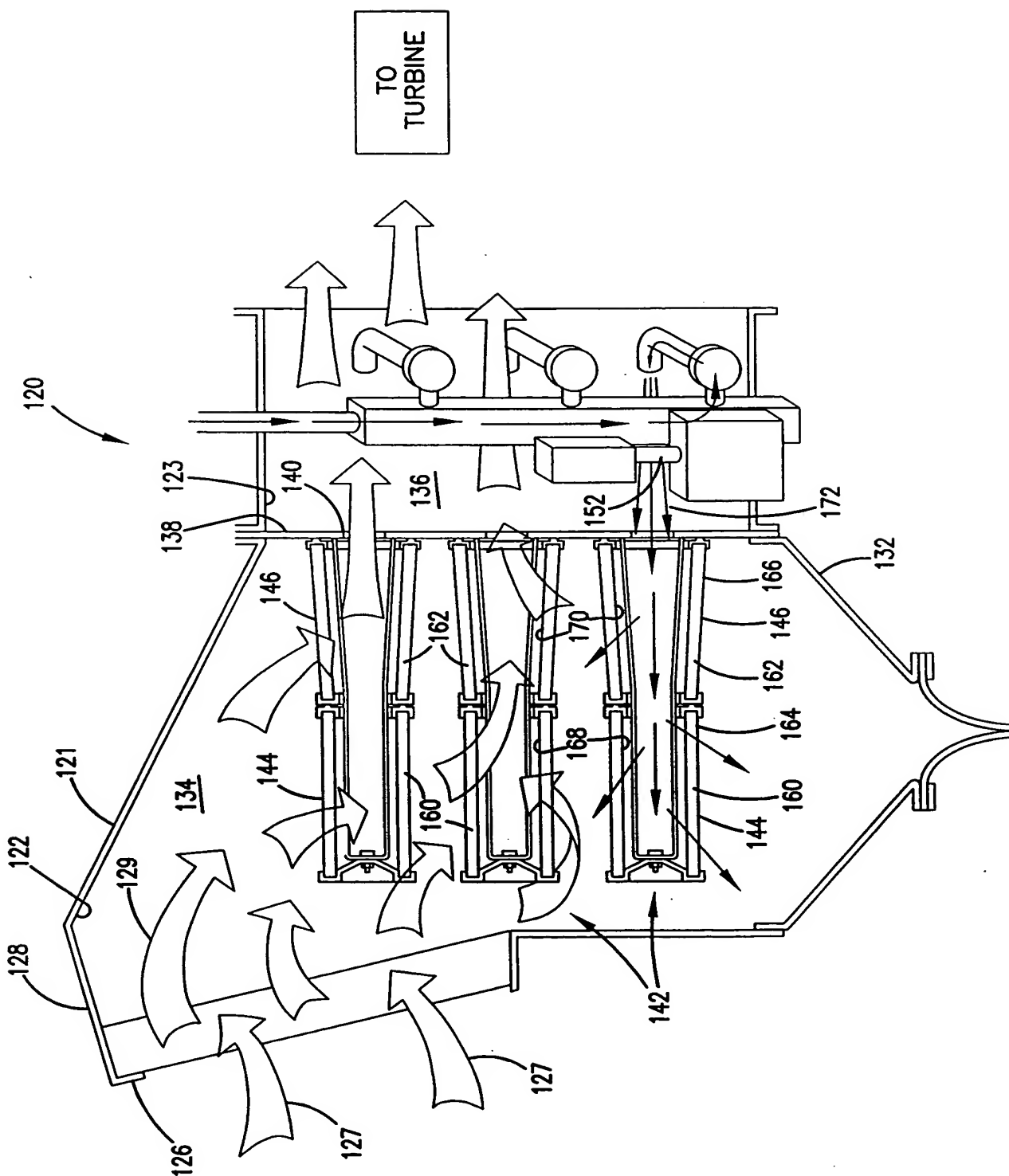


FIG. 22